

ABSTRACT OF THE DISCLOSURE

An autofocus module (30) for a microscope-based system (1) is equipped in such a way that a light source (31) which generates a measurement light bundle (32) is provided. A first axicon (34a) generates an eccentrically extending annularly divergent measurement light beam bundle (32a). A second
10 axicon (34a) is provided in order to parallelize the remitted divergent measurement light beam bundle (32b). A differential diode (42) is mounted in the module (30) for determination of the focus position.

(FIG. 1)